

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

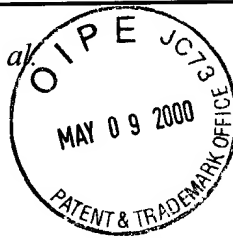
In re the Application of: D. Ward *et al.*

Serial No.: 09/335,956

Filed: June 18, 1999

For: DELINEATION OF INDIVIDUAL HUMAN
CHROMOSOMES IN METAPHASE AND
INTERPHASE CELLS BY *IN SITU* SUPPRESSION
HYBRIDIZATION

Attorney Docket No: IGI-001CN3



Group Art Unit: 16

Examiner: Forman, B

#17
B. White
RECEIVED
5/15/00
MAY 15 2000
TECH CENTER 1600/2800

Assistant Commissioner for Patents
Washington, D.C. 20231

Certificate of First Class Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date set forth below.

3 May 00
Date of Signature and of Mail Deposit

By: Jeanne M. DiGiorgio
Jeanne M. DiGiorgio
Reg. No. 41,710
Attorney for Applicants

RESPONSE

Dear Sir:

Pursuant to a telephonic interview with the Examiner regarding the above-identified application, Applicants submit herewith the following documents:

- (1) a copy of the substitute specification previously filed on June 18, 1999;
- (2) a red-lined copy of the substitute specification previously filed on June 18, 1999; and
- (3) copies of the amendments to the original specification which were filed in the parent applications on February 14, 1992, January 23, 1995, and April 29, 1996 and which have been incorporated into the substitute specification submitted herewith.

REMARKS

In a telephonic interview with the Examiner on April 19, 2000, the Examiner requested that the following documents be submitted: a substitute specification indicating the portions which had been amended or added, and copies of the amendments to the original specification which were filed in the parent applications on February 14, 1992, January 23, 1995, and April 29, 1996 and which have been incorporated into the substitute specification.

Accordingly, Applicants submit herewith a substitute specification along with a red-lined copy of the substitute specification showing the amendments made via the amendments to the original specification which were filed in the parent applications on February 14, 1992, January 23, 1995, and April 29, 1996.

In particular, the red-lined copy of the substitute specification notes the following amendments:

At page 1, lines 6-11, the addition of related application data (preliminary amendment in application transmittal form, filed June 18, 1999);

At pages 3-9, the amendment of the figure descriptions for Figures 1-14 (Preliminary Amendment, filed January 23, 1995);

At pages 9-10, the amendment of Figure 15 description (Preliminary Amendment, filed February 14, 1992);

At page 21, line 29; page 23, line 31; page 25, lines 13-32; page 27, line 24; page 28, lines 2-3; page 29, lines 26-27; page 30, line 9; page 32, line 24; page 35, line 34; page 36, line 6; page 36, line 16; the amendment of the figure designations (Amendment, filed April 29, 1996); and

At pages 44-53, the addition of Example 4 (Preliminary Amendment, filed February 14, 1992).

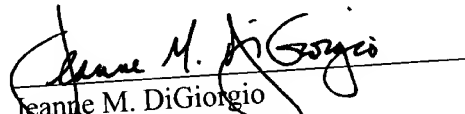
No new matter has been added.

Further, as discussed on April 19, 2000, Applicants note that claims 1-18, as reproduced in the substitute specification submitted herewith, are currently pending.

Applicants respectfully request that the substitute specification be entered.

Respectfully submitted,

LAHIVE & COCKFIELD, LLP


Jeanne M. DiGiorgio
Registration No. 41,710
Attorney for Applicants

28 State Street
Boston, MA 02109
Tel. (617) 227-7400

Dated: 3 May 00